Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 14 Apr 2023 until 23:59 on Saturday 15 Apr 2023

Forecast Issued on Friday 14 Apr 2023 at 01:07

Confidence: High for unsettled conditions Friday and then a transition to more settled and milder weather through the weekend and into next week. Lower for details of cloud and rain through Sunday.

Headline for Friday 14 Apr 2023: Scattered, occasionally heavy and thundery showers mixed with sunny spells.

Mountain weather hazards on Friday 14 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Medium Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain showers	Heavy rain showers	Heavy rain showers	Heavy Rain	Light rain	Light rain showers (night)
Precipitation probability					
40%	60%	60%	60%	40%	10%

Forecast for Friday 14 Apr 2023

Weather: Chilly start with isolated frost patches. Cloud thickening during the morning, with scattered showers developing. Showers becoming more widespread into the early afternoon, possibly becoming heavy and slow-moving with a chance of thunder and hail. A more organised area of rain will cross the region from the west this afternoon, clearing to the east during the evening. Some brief wintriness is possible in the heaviest showers and during persistent precipitation above 600m. Any residual showers dying out through the evening. Chilly overnight with light winds.

Chance of cloud-free hill tops above 600m: 80%, becoming 40% through the day and then back to 80% late-evening.

Low Cloud and visibility: Some patches across the highest tops around 600-700m. As the showers develop bases are likely to fall to around 400-500m, with some patches possible down to 300m in heavier showers. Similar cloud-bases associated with the area of rain later, lowering further if rain turns to snow at height. Higher routes obscured for several hours where showers and rain are slow-moving. Bases lifting clear of most tops by late-evening, perhaps cloudier across eastern Dales. Good visibility at times, but poor or very poor in showers, rain or hill snow.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Friday 14 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 SE	9/13 SE	9/13 S	5/8 SW	6/9 NE	4/7 NE	6/9 NE
300	2/10 SE	6/11 SE	6/11 S	4/8 SW	4/8 N	3/7 N	4/9 N
Valley	5/14 E	4/9 SE	4/8 S	3/7 N	4/8 NW	2/5 N	3/8 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	3/-1	3/-0	3/1	3/1	2/-0	1/-2
300	4/2	6/4	6/4	6/5	6/4	3/1	2/0
Valley	5/3	6/5	7/6	8/7	7/6	4/3	3/1
Freezing Level*	800m	800m	900m	900m	900m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

The weather is likely to change rapidly through the day with a risk of heavy rain, hail and thunder. Heavy rain may cause surfaces to become slippery. Watercourses could also rise quickly and unexpectedly. Wind chill possible in rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 13 Apr 2023	6mm	17.8mm	30.8mm

Forecast for Saturday 15 Apr 2023

Weather: A dry start for most, but some patchy rain and drizzle, along with low cloud could affect eastern hills at first. Cloud persisting across eastern Dales initially, but trending brighter with good spells of sunshine and light winds. Cloud lifting and breaking, leaving a fine and dry evening. Some mist or valley fog possibly developing towards midnight.

Maximum wind: East or northeast 5-10mph, turning southwest 5-10 mph later,

Chance of cloud-free hill tops above 600m: 90%, but 30% in the east through the morning.

Low Cloud and visibility: Patches down to 400-500m at first in the east, but above the summits elsewhere.

Temperature: **Valleys:** Plus 4 Celsius becoming plus 12 Celsius.
At 600m: Plus 1 Celsius becoming plus 7 Celsius.
Freezing level: Just above the summits.

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